

# The Automator

CIR Industrial Automation Newsletter Volume 2 Issue 1

## HMI: Perception and Reality

### Human Machine Interfaces: The key to protecting your engineering investment.

The perception is that human machine interfaces (HMI) are nice but not necessary. The reality is that well designed HMI systems protect your engineering investment, enhance productivity and extend your enterprise resource programs right down to the plant floor.

Today companies are re-evaluating their long-term strategies to leverage their control systems and implement newer technologies. To get the most out of these investments these companies are turning to HMI to maximize their engineering investment. Control systems are more and more sophisticated, HMI ensures that these systems remain flexible while providing more control of the business.

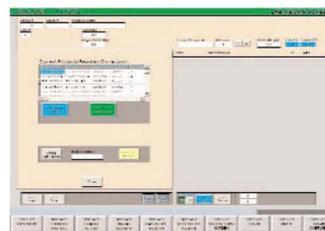
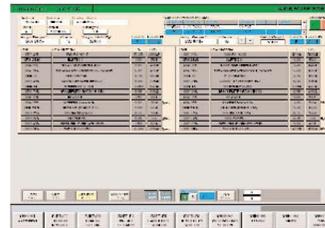
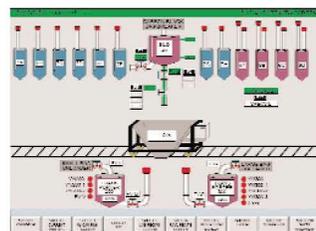
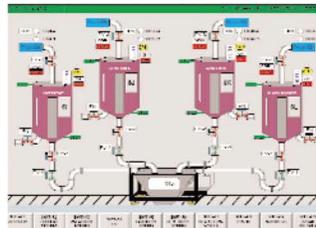
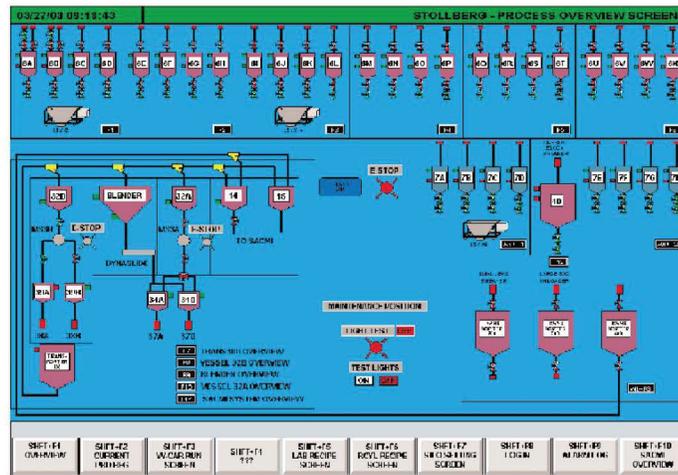
Operator friendly HMI enhances productivity. Good sys-



John Mackenna



Dan Destino



Using their HMI expertise, CIR merged Order Entry and Inventory Management into Stollberg's SAP Enterprise Resource Program while executing this recipe management and batch processing system.

tems have improved navigation that in turn shorten learning curves and greatly reduces downtime for changeovers.

Perhaps the most compelling reason to implement HMI is their ability to interface with data acquisition systems. Many legacy systems, written in machine code, are not very compatible with ERP systems. The

new HMI systems are computer-code based making them ideal for recording, documenting and verifying the activities of the plant floor.

HMI systems are a win-win all around. Management gets the information to make more intelligent decisions. Engineering gets more control of the process and can

work smarter to enhance quality. And the operator can take pride in producing a better product.

It takes an experienced system integrator to implement a HMI system that delivers on all the promise of this technology. CIR Industrial Automation, Inc. is that integrator. CIR is an Automation and Control Engineering Consulting firm that designs, builds, installs and supports turnkey automation systems for a variety of industries. With a special expertise in HMI, CIR not only enhances productivity and manufacturing effectiveness, reduces downtime, increase quality, improve processes and provide the production analysis and reporting essential to today's ERP systems. Call today, and find how you can put the CIR HMI expertise to work protecting your engineering investment.



2750 Kenmore Avenue  
Tonawanda, NY 14150  
P>716.874.7642  
Fax>716.874.7624  
[www.cirweb.com](http://www.cirweb.com)

Copyright © 2003

# *Why CIR Industrial Automation is your HMI expert.*

There is an exciting new trend in our business, more companies are turning to sophisticated human machine interface (HMI) systems to manage their operations. It seems as enterprise resource programs (ERP) have proliferated, the need for reliable data has grown as well. HMI works exceptionally well with ERP as a Data Acquisition tool. Not only does it give engineering and operations more control

over processes, HMI provides critical information to run the business more intelligently in real-time.

It is plain-old hard won experience that tells us that the only sound way to protect the engineering investment in new or upgraded systems, is to provide the right tool to get the most out of that investment. We also know that the best way to insure that a process works is implementing a HMI system

that tracks every move and controls every step of the operation.

Why is CIR so well suited to design and implement smarter HMI systems? First, we're automators. We know what it takes to make plants and processes run smoothly. Cliche-free. We have experience with all the major software and hardware packages. And we've applied that experience across several industries. And most of all we know good information

makes decision-making faster.

And when it comes to HMI, we love showing people how our systems work. Our creativity doesn't stop at designing a process, but goes the extra step to make using them as intuitive as possible.

Call us, we want to share the hard data on the positive impact our systems have had in our customers plants. Find out why customers ask us to make their HMI smarter.

***It's all inside.***

***Productivity Gains.  
Investment Protection  
Solid Growth.***

***CIR Industrial Automation***  
***Focused on the Interactive Factory Floor.***

**The  
Automator**

CIR Industrial  
Automation Newsletter  
2750 Kenmore Avenue  
Tonawanda, NY. 14150

Postage  
here

John Q. Engineer  
Automation User, Inc.  
234 Main Street  
Yourtown, US 12300

***Why you should  
consider HMI.***